Reply to Non-Final Office Action of November 1, 2007

Docket No.: 09859/0202424-US0

LISTING OF CLAIMS

This listing of claims is presented as a courtesy to the Examiner.

Claim 1 (Previously Presented): A process for producing a ubiquinone-10-containing

solution, which comprises the following steps:

adding a methanol solution to a culture obtained by culturing a microorganism having an [1]

ability to produce ubiquinone-10 in a medium or a processed product of the culture or a partially

purified product of ubiquinone-10 selected from the group consisting of ubiquinone-10-containing

dried products, freeze dried products and crystallized products, to a final concentration of 50 to 100

v/v% and then retaining the resulting mixture at a temperature selected from the range of 0°C to

30°C;

[2] separating and recovering an insoluble matter from the resulting mixture obtained at the

step [1];

[3] adding a methanol solution of a concentration of 85 to 100 v/v% to the insoluble matter

obtained in the step [2] and retaining the resulting mixture at a temperature selected from the range

of 30°C to 80°C, not including 30°C;

[4] removing an insoluble matter from the resulting mixture obtained in the step [3]; and

[5] recovering the methanol solution containing ubiquinone-10.

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Claim 2 (Previously Presented): The process according to claim 1, wherein, following step

[2] and before the subsequent step [3], the steps of adding a methanol solution to recovered

insoluble matter to a final concentration of 50 to 100 v/v%, retaining a resulting mixture at a

temperature selected from the range of 0°C to 30°C, and subsequently separating and recovering an

insoluble matter are repeated once or more times.

Claim 3 (Previously Presented): The process according to claim 1, wherein the

microorganism having an ability to produce ubiquinone-10 is selected from basidiomycetes, fungi,

yeast and bacteria.

Claim 4 (Previously Presented): The process according to claim 1, wherein the processed

product of the culture is a concentrate of the culture of the microorganism, a dried product of the

culture, a bacterial cell obtained by separation from the culture, a dried product of the bacterial cell,

a freeze-dried product of the bacterial cell, a rinsed bacterial cell obtained by rinsing the bacterial

cell, a dried product of the rinsed bacterial cell or a freeze-dried product of the rinsed bacterial cell.

Claim 5 (Previously Presented): A process for producing a crystal of ubiquinone-10, which

comprises:

concentrating or cooling the ubiquinone-10-containing solution obtained by the process

according to claim 1 to crystallize ubiquinone-10; and

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recovering the crystal of ubiquinone-10 from the solution.

Claim 6 (Original): The process according to claim 5, wherein the crystal of ubiquinone-10 is a crystal having a purity of 90.0% or more.